

## EAST Search History

| Ref # | Hits | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---------------------------------|------------------|---------|------------------|
| S1    | 1    | (harq hybrid adj arq hybrid adj automatic adj repeat) and physical and state adj machine and turbo  | USPAT                           | OR               | OFF     | 2006/06/16 16:20 |
| S2    | 24   | (harq hybrid adj arq hybrid adj automatic adj repeat) and physical and state adj machine and turbo  | US-PGPUB;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/06/16 16:21 |
| S3    | 197  | (harq hybrid adj arq hybrid adj automatic adj repeat)   | USPAT                           | OR               | OFF     | 2006/06/16 16:52 |
| S4    | 85   | (harq hybrid adj arq hybrid adj automatic adj repeat) and physical  | USPAT                           | OR               | OFF     | 2006/06/16 16:22 |
| S5    | 2    | (harq hybrid adj arq hybrid adj automatic adj repeat) and physical and state adj machine  | USPAT                           | OR               | OFF     | 2006/06/16 16:26 |
| S6    | 7    | (harq hybrid adj arq hybrid adj automatic adj repeat) and state adj machine   | USPAT                           | OR               | OFF     | 2006/06/16 16:45 |
| S7    | 197  | (harq (hybrid adj arq) (hybrid adj automatic adj repeat))   | USPAT                           | OR               | OFF     | 2006/06/16 18:17 |
| S8    | 78   | (harq hybrid adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel))   | USPAT                           | OR               | OFF     | 2006/06/16 17:01 |
| S9    | 42   | (harq hybrid adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel) near5 control)   | USPAT                           | OR               | OFF     | 2006/06/16 17:10 |
| S10   | 43   | (harq hybrid adj arq h adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel) near5 control)   | USPAT                           | OR               | OFF     | 2006/06/16 18:01 |
| S11   | 11   | (harq hybrid adj arq h adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel) near5 control) and physical adj layer and control adj channel and data adj channel           | USPAT                           | OR               | OFF     | 2006/06/16 18:02 |
| S12   | 11   | (harq hybrid adj arq h adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel) near5 control) and turbo   | USPAT                           | OR               | OFF     | 2006/06/16 18:01 |
| S13   | 3    | (harq hybrid adj arq h adj arq hybrid adj automatic adj repeat) and ((forward control) near3 (channel) near5 control) and physical adj layer and control adj channel and data adj channel and turbo | USPAT                           | OR               | OFF     | 2006/06/16 18:02 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S14 | 82  | (harq (hybrid adj arq) (hybrid adj automatic adj repeat)) and (state state adj machine state adj diagram) | USPAT   | OR | OFF | 2006/06/16 18:17 |
| S15 | 9   | (harq (hybrid adj arq) (hybrid adj automatic adj repeat)) and (state adj machine state adj diagram)       | USPAT   | OR | OFF | 2006/06/17 16:32 |
| S16 | 0   | (harq (hybrid adj arq) (hybrid adj automatic adj repeat)) adj controller                                  | USPAT.  | OR | OFF | 2006/06/17 16:58 |
| S17 | 1   | dualized adj harq   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/06/17 16:59 |
| S18 | 1   | "1414178"   | EPO   | OR | OFF | 2006/06/17 16:59 |
| S19 | 128 | harq and physical adj layer and data adj channel  | US-PGPUB;<br>USPAT  | OR | OFF | 2006/06/19 11:05 |
| S20 | 3   | (harq and physical adj layer and data adj channel).clm.   | US-PGPUB;<br>USPAT  | OR | OFF | 2006/06/19 11:05 |
| S21 | 1   | (harq hybrid adj arq hybrid adj automatic adj repeat) adj controller                                      | USPAT   | OR | OFF | 2007/01/30 13:51 |
| S22 | 5   | (harq hybrid adj arq hybrid adj automatic adj repeat) adj receiver  | USPAT   | OR | OFF | 2007/01/30 17:53 |
| S23 | 47  | (harq hybrid adj arq hybrid adj automatic adj repeat) with receiver                                       | USPAT   | OR | OFF | 2007/01/30 17:53 |